Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045989.D
Acq On : 24 Nov 2021 13:03
Operator : SY/MD
Sample : M4825-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4658MSD

Quant Time: Nov 26 00:19:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 26 00:17:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	97900	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	51603	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	16774	2.163	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 43.200%			
7) Chloroethane-d5	1.919	69	25412	4.501	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.000%			
11) 1,1-Dichloroethene-d2	2.572	65	11822	3.634	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.600%			
20) 2-Butanone-d5	4.649	46	134803	64.852	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 129.700%			
24) Chloroform-d	5.067	84	67296	5.208	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.200%			
26) 1,2-Dichloroethane-d4	5.706	65	39919	5.265	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.200%			
32) Benzene-d6	5.732	84	134425	5.005	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.200%			
36) 1,2-Dichloropropane-d6	6.694	67	43949	5.192	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.800%			
41) Toluene-d8	7.899	98	122193	5.029	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
43) trans-1,3-Dichloroprop...	8.182	79	13459	3.917	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.400%			
46) 2-Hexanone-d5	8.636	63	101040	65.329	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 130.660%#			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41772	5.841	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.800%			
66) 1,2-Dichlorobenzene-d4	12.195	152	48103	5.429	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	36704	4.605	ug/L	100
3) Chloromethane	1.520	50	34760	4.115	ug/L	100
5) Vinyl chloride	1.607	62	38692	4.564	ug/L	100
6) Bromomethane	1.861	94	21007	4.178	ug/L	99
8) Chloroethane	1.938	64	22961	4.750	ug/L	96
9) Trichlorofluoromethane	2.144	101	53028	4.845	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30940	4.821	ug/L	98
12) 1,1-Dichloroethene	2.584	96	28663	4.730	ug/L	87
13) Acetone	2.674	43	68396	55.904	ug/L	62
14) Carbon disulfide	2.800	76	77768	4.057	ug/L	99
15) Methyl Acetate	2.967	43	15639	5.210	ug/L	91
16) Methylene chloride	3.051	84	33354	3.728	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	86604	5.489	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	30911	4.758	ug/L	96
19) 1,1-Dichloroethane	3.874	63	71112	5.843	ug/L	98
21) 2-Butanone	4.729	43	121255	58.904	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	56431	8.012	ug/L	99
23) Bromochloromethane	4.980	128	16962	5.525	ug/L	95
25) Chloroform	5.092	83	64276	4.868	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	42881	5.090	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	53376	5.037	ug/L	99
30) Cyclohexane	5.391	56	48225	4.589	ug/L	99
31) Carbon tetrachloride	5.530	117	44985	5.048	ug/L	96
33) Benzene	5.777	78	131689	4.839	ug/L	100
34) Trichloroethene	6.546	95	39510	5.633	ug/L	98
35) Methylcyclohexane	6.768	83	51932	4.821	ug/L	97
37) 1,2-Dichloropropane	6.793	63	35136	4.906	ug/L	99
38) Bromodichloromethane	7.108	83	44661	5.054	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	51019	5.013	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	278419	59.266	ug/L	97
42) Toluene	7.970	91	146156	5.202	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	46440	5.245	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	29485	5.545	ug/L	97
47) Tetrachloroethene	8.555	164	25385	5.170	ug/L	97
48) 2-Hexanone	8.687	43	214726	63.270	ug/L	99
49) Dibromochloromethane	8.812	129	33248	5.490	ug/L	98
50) 1,2-Dibromoethane	8.925	107	28231	5.636	ug/L	96
51) Chlorobenzene	9.449	112	92837	5.268	ug/L	97
52) Ethylbenzene	9.571	91	155829	5.299	ug/L	100
53) m,p-Xylene	9.697	106	60049	5.331	ug/L	94
54) o-Xylene	10.102	106	59436	5.468	ug/L	94
55) Styrene	10.115	104	101631	5.554	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	37956	5.573	ug/L	97
59) Bromoform	10.291	173	18741	5.483	ug/L	98
60) Isopropylbenzene	10.488	105	156246	5.157	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29600	5.526	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	130387	5.264	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	130299	5.250	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	73755	5.219	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	73304	5.106	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	72839	5.375	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	5819	5.221	ug/L	87
69) 1,3,5-Trichlorobenzene	13.221	180	54667	5.171	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	45437	5.079	ug/L	97
71) Naphthalene	14.086	128	104112	5.664	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	47191	5.301	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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